

20/518358

Docket No.: OKA-0222

DT01 Rec'd PCT/PTC 17 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiroki Kuyama et al.

Application No.: NEW APPLICATION

Confirmation No.: N/A

Filed: December 17, 2004

Art Unit: N/A

For: SULFENYL COMPOUND, LABELING
REAGENT, AND METHOD OF
ANALYZING PEPTIDE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

- ☒ A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98.
- ☐ As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. _____, filed _____.
- ☒ A copy of each listed document, that was cited in the International Search Report or International Preliminary Examination Report attached hereto, should have been provided to the U.S. Patent and Trademark Office by the WIPO, and the provisions of 37 CFR §§1.97 and 1.98 should have been complied with.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Application No.: NEW APPLICATION

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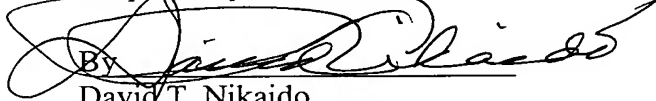
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- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date or within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in compliance with 37 C.F.R. §1.97(b), OR is being filed concurrent with filing of the Continued Prosecution Application (CPA) or the Request for Continued Examination (RCE). No fee is required (37 C.F.R. §1.97(b)).
- ☒ 2. In the event any fees are due with this paper, the Commissioner is respectfully authorized to charge our Deposit Account No. 18-0013.

Dated: December 17, 2004

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	NEW APPLICATION 10/518358
				Filing Date	December 17, 2004
				First Named Inventor	Hiroki Kuyama
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	OKA-0222

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	WO-00/11208-A1	03-02-2000	University of Washington		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	International Search Report for PCT/03/04308, mailed on July 29, 2003.	
	CB	PCT/PEEA/408 Determination if International Preliminary Examination is Required, mailed on February 10, 2004	
	CC	PCT/PEEA/409 International Preliminary Examination Report, completed on May 14, 2004	
	CD	MIURA, Yozo et al., Generation, Isolation, and Characterization of N-(Aryltio)-7-tert-butyl- and N-(Aryltio)-2, 7-di-tert-butyl-1-pyrenylaminy Radicals, Journal of Organic Chemistry, 1994, Vol. 59, No. 12, pages 3294-3300	
	CE	MIURA, Yozo et al., ESR studies of nitrogen-centered free radicals. 40. Exceptionally persistent nitrogen-centered free radicals, Journal of Organic Chemistry, 1991, Vol. 56, No. 23, pages 6638-6643	
	CF	MIURA, Yozo et al., ESR studies of nitrogen-centered free radicals. 28. Oxygen-17-and sulfur-33-hyperfine splittings for aromatic RCO(AR)N radicals, Bulletin of the Chemical Society of Japan, 1986, Vol. 59, No. 10, pages 3291-3292	
	CG	EFFENBERGER, Franz et al., Synthesis and reactions of sulfenic trifluoromethanesulfonic anhydrides, Chemische Berichete, 1982, Vol. 115, No. 12, pages 3719-3736	
	CH	HARPP, David et al., Organic sulfur chemistry. 33. Chemistry of sulfenic sulfonic thioanhydrides, Journal of Organic Chemistry, 1979, Vol. 44, No. 23, pages 4135-4140	
	CI	SAITO, Hiroshi et al., Matrix IR spectra and normal coordinate analysis for methanesulfonyl chloride and isotopic analogs, Spectrochimica Acta, Part A: Molecular and Biomolecular Spectroscopy, 1995, Vol. 51A, No. 14, pages 2447-2451	
	CJ	NOEL, J. P. et al., Synthesis of 3-[(2,6-14C)-2-pyridinyl-dithio]propanoic acid, a covalent coupling reagent, Journal of Labelled Compounds and Radiopharmaceuticals, 1983, Vol. 20, No. 11, pages 1243-1256	
	CK	Edited by The Japanese Biochemical Society, "Tanpakushitsu IV Kozo Kino Sokan", Tokyo Kagaku Dojin, 1991, pages 57-58 and 64-66	
	CL	R. Aeversold et al., Quantitative analysis of complex protein mixtures using isotope-coded affinity tags, Nature Biotechnology, 1999, Vol. 17, pages 994-999	
	CM	H. Kuyama et al., An approach to quantitative proteome analysis by labeling tryptophan residues, Rapid Communications in Mass Spectrometry, 2003, pages 1642-1650	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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